

hKv1.1LOOP	QILGOTLKASMRGL
hKv1.2LOOP	QILGOTLKASMRGL
hKv1.3LOOP	QILGOTLKASMRGL
hKv1.5LOOP	QILGOTLKASMRGL
hKv1.6LOOP	QILGOTLKASMRGL
hKv1.4LOOP	QILGOTLKASMRGL
hKv3.4LOOP	RVLGHTLRASINEFL

FIG.1

hKvβ1N	-MOVSIACTEHNLKSRNGEDRLLSKQSSSTAP-
hKvβ1bN	MHLIYKPACADIP-SPKLGLPKSSSESALKCRW-
hKvβ3N	MHLIYKPACADIP-SPKLGLPKSSSESALKCRW-
hKv3.4N	--MISSVGVSSYRGRKSGNKPPSKITLKEEMA
hKvβ1CN	-MLAARTGAAGSQISEENTKLRRQSGFSVAG-
hKv1.4N	-MEMAMVSAESS-GCNSHMPYGYAAQARER

FIG.2

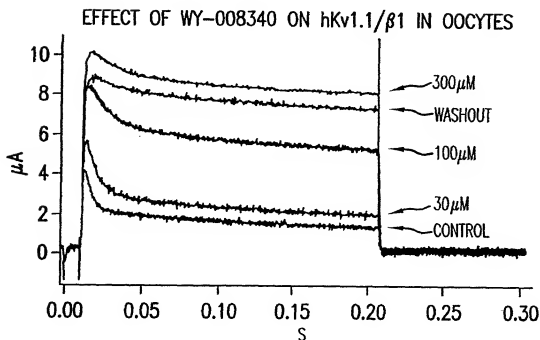


FIG. 3A

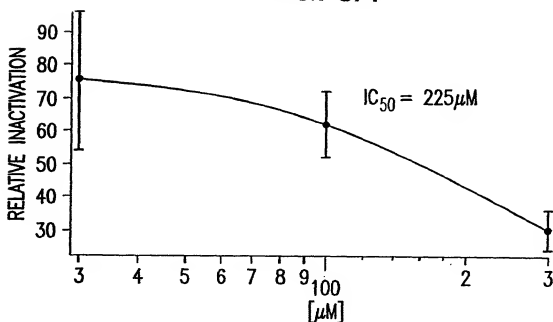


FIG. 3B

	REL. INACTIVATION		CURRENT AMPLITUDE	
	MEAN	SEM	MEAN	SEM
CONTROL	100.00	0.00	100.00	0.00
30 μ M	75.23	20.86	118.40	16.30
100 μ M	61.99	9.67	174.64	16.58
300 μ M	29.59	5.48	205.53	34.03
WASHOUT	24.90	6.73	188.27	31.18

n = 3,4

FIG. 3C

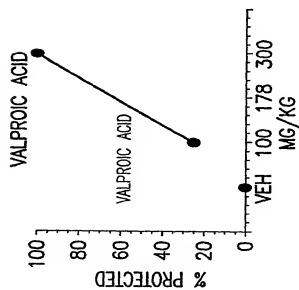


FIG. 4A

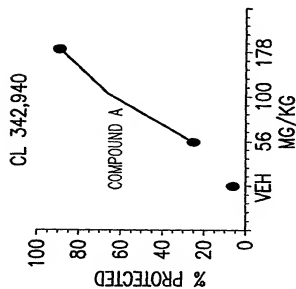


FIG. 4B

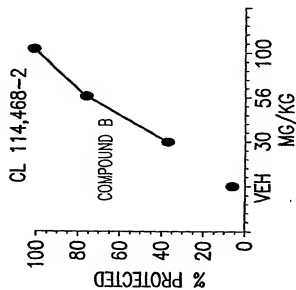


FIG. 4C

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